

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071758.D
 Acq On : 20 Jan 2022 12:20
 Operator : VA/SY
 Sample : VD0120SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/21/2022
 Supervised By :Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 03:15:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	281720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	455260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	221332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199225	54.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.920%			
35) Dibromofluoromethane	7.908	113	166723	52.284	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.560%			
50) Toluene-d8	10.338	98	623517	52.236	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.620	95	217191	51.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	43582	20.087	ug/l	97
3) Chloromethane	2.215	50	59259	20.558	ug/l	99
4) Vinyl Chloride	2.350	62	70215	20.046	ug/l	93
5) Bromomethane	2.750	94	49818	20.885	ug/l	93
6) Chloroethane	2.915	64	52366	20.978	ug/l	100
7) Trichlorofluoromethane	3.268	101	104027	20.950	ug/l	98
8) Diethyl Ether	3.703	74	29668	22.717	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	61536	21.202	ug/l	97
10) Methyl Iodide	4.297	142	44439	16.014	ug/l	99
11) Tert butyl alcohol	5.220	59	21554	34.919	ug/l	98
12) 1,1-Dichloroethene	4.062	96	49511	19.659	ug/l	99
13) Acrolein	3.920	56	29609	83.687	ug/l	99
14) Allyl chloride	4.715	41	101886	20.402	ug/l	98
15) Acrylonitrile	5.420	53	81793	118.510	ug/l	96
16) Acetone	4.156	43	98401	117.577	ug/l	98
17) Carbon Disulfide	4.409	76	115252	18.533	ug/l	99
18) Methyl Acetate	4.726	43	65745	27.163	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	146609	22.053	ug/l	98
20) Methylene Chloride	4.962	84	80651	24.736	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	56969	19.808	ug/l	97
22) Diisopropyl ether	6.361	45	232474	21.619	ug/l	96
23) Vinyl Acetate	6.309	43	550959	109.793	ug/l	97
24) 1,1-Dichloroethane	6.267	63	128506	20.936	ug/l	98
25) 2-Butanone	7.214	43	118804	120.149	ug/l	91
26) 2,2-Dichloropropane	7.208	77	104085	20.194	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	71046	20.929	ug/l	98
28) Bromochloromethane	7.544	49	58895	19.697	ug/l	97
29) Tetrahydrofuran	7.561	42	72401	127.279	ug/l	98
30) Chloroform	7.708	83	141247	22.504	ug/l	100
31) Cyclohexane	7.979	56	100383	20.198	ug/l #	92
32) 1,1,1-Trichloroethane	7.903	97	114908	20.772	ug/l	99
36) 1,1-Dichloropropene	8.114	75	90660	19.931	ug/l	99
37) Ethyl Acetate	7.291	43	50297	23.825	ug/l	96
38) Carbon Tetrachloride	8.091	117	98512	21.386	ug/l	94
39) Methylcyclohexane	9.350	83	88580	18.029	ug/l	94
40) Benzene	8.350	78	257974	20.584	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	28574	22.587	ug/l	92
42) 1,2-Dichloroethane	8.420	62	93294	21.991	ug/l	97
43) Isopropyl Acetate	8.450	43	96262	24.223	ug/l	99
44) Trichloroethene	9.108	130	65081	20.178	ug/l	97
45) 1,2-Dichloropropane	9.379	63	74818	22.084	ug/l	98
46) Dibromomethane	9.473	93	39039	22.513	ug/l	98
47) Bromodichloromethane	9.661	83	107094	22.494	ug/l	94
48) Methyl methacrylate	9.455	41	47592	23.699	ug/l	93
49) 1,4-Dioxane	9.461	88	9711	558.574	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	263363	125.464	ug/l	98
52) Toluene	10.402	92	164390	20.838	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	91905	22.006	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	105001	21.323	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	56075	24.667	ug/l	94
56) Ethyl methacrylate	10.655	69	63186	22.676	ug/l	99
57) 1,3-Dichloropropane	10.938	76	97220	23.143	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	176055	114.450	ug/l	100
59) 2-Hexanone	10.979	43	188410	128.509	ug/l	98
60) Dibromochloromethane	11.132	129	68768	23.765	ug/l	96
61) 1,2-Dibromoethane	11.238	107	49124	22.586	ug/l	96
64) Tetrachloroethene	10.873	164	55861	20.889	ug/l	95
65) Chlorobenzene	11.661	112	178964	20.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	67535	20.445	ug/l	99
67) Ethyl Benzene	11.738	91	315439	19.723	ug/l	100
68) m/p-Xylenes	11.849	106	242083	40.697	ug/l	97
69) o-Xylene	12.173	106	111750	19.849	ug/l	98
70) Styrene	12.185	104	197952	20.513	ug/l	97
71) Bromoform	12.355	173	38226	23.700	ug/l #	99
73) Isopropylbenzene	12.473	105	312080	19.621	ug/l	99
74) N-amyl acetate	12.279	43	90936	23.307	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	64338	22.827	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	44293m	20.710	ug/l	
77) Bromobenzene	12.749	156	70407	20.492	ug/l	99
78) n-propylbenzene	12.808	91	397108	19.852	ug/l	99
79) 2-Chlorotoluene	12.896	91	227211	20.153	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	264415	19.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	17835	23.249	ug/l	97
82) 4-Chlorotoluene	12.996	91	232812	19.904	ug/l	97
83) tert-Butylbenzene	13.214	119	221987	19.548	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	265672	20.215	ug/l	98
85) sec-Butylbenzene	13.391	105	349283	20.082	ug/l	99
86) p-Isopropyltoluene	13.502	119	286357	20.053	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	145457	20.515	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	147623	20.408	ug/l	100
89) n-Butylbenzene	13.832	91	283409	19.817	ug/l	99
90) Hexachloroethane	14.096	117	57523	20.360	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	132101	21.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11203	24.730	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	73952	21.117	ug/l	99
94) Hexachlorobutadiene	15.255	225	43170	21.027	ug/l	98
95) Naphthalene	15.385	128	140315	22.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	66057	22.136	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

